

QUICK RELEASE SACRIFICIAL SHIELD FOR WINDOW ASSEMBLY

Abstract of the Disclosure

Disclosed is a window assembly for use in mass transit vehicles which allows the quick and easy removal and replacement of transparent sacrificial glazing panels which protect the glazing of the window from vandalism and wear. The window assembly utilizes a sacrificial protective panel and mounting arrangement which allows quick and easy replacement of protective panels on one or both sides of the window assembly, but inhibits removal by non-maintenance personnel such as vandals. The frame of the window assembly incorporates one or more retainers which fit into slots along the interior sides of the window frame and sandwich the glazing between the frame and the retainers. In turn, the retainers are essentially "locked" into position in the frame by an inner protective panel, which significantly inhibits the removal of the retainers from the window assembly when the protective panel is in its desired position against the windowpane. Once the inner protective panel is removed from the window assembly, however, the retainers and glazing can quickly and easily be removed from the frame, allowing the glazing and any remaining protective panels to be quickly and easily removed from the frame.

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